Use Attainability Analysis

for

WBID 1728 Plattin Creek

Submitted by Festus/Crystal City Sewage Commission

To Missouri Department of Natural Resources Water Protection Program

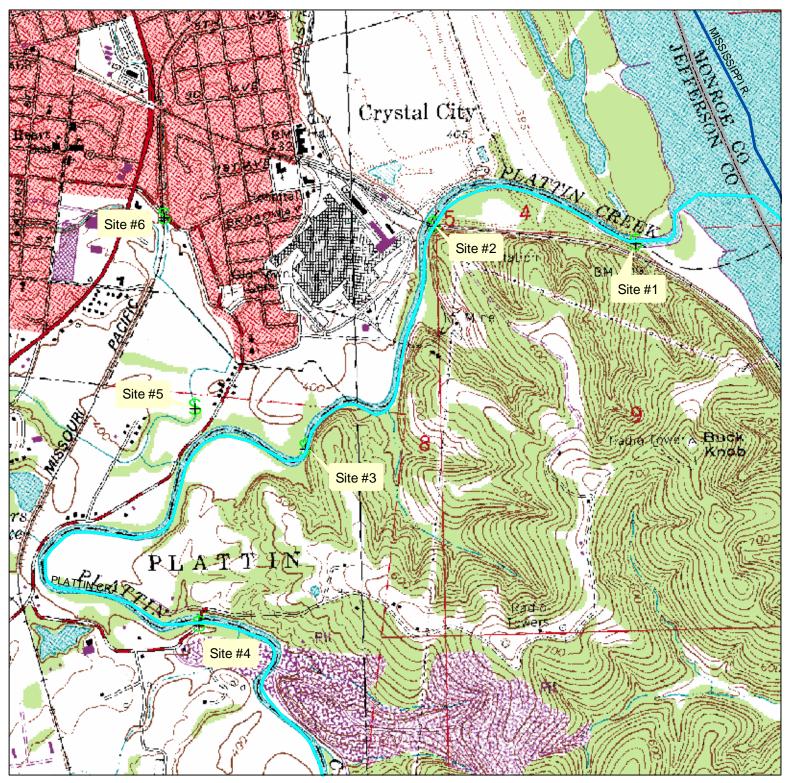
Data Sheet A - Water Body Identification

Water Body Name: THE NEW TREATMENT FACILITY EFFLUENT DISCHARGES INTO AN UN-NAMED TRIBUTARY (from USGS 7.5' quad) OF PLATTIN CREEK, THEN PLATTIN, THEN MISSISSIPPI, RIVER
8-digit HUC: 07140101 - 170002
Missouri WBID#: 01728
County: JEFFERSON
Upstream Legal Description: SE 14, SE 14, NW 14, SEC. 8, THON, RLE, JEFFELSON CO.
Downstream Legal Description: Moule OF Mississippi River
Upstream Coordinates: (UGS 84, ddd.ddddd)
Downstream Coordinates;
(UGS 84, ddd.ddddd) Discharger Facility Name(s): FESTUS - CRYSTAL CITY WASTEWATER TREATMENT PLANT
Discharger Permit Number(s): MO - 0080 432
Number of Sites Evaluated: 6, 15 UPSTREAM OF the UAA Segmant.
Name of Surveyor and Telephone Number: DAVID Smith 636-937-7444
Organization: FESTUS-CRYSTAL City SEWAGE COMMISSION
Position: WASTEWATER TREATMENT FACILITY SUPERINTENDENT

I, the undersigned, bereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

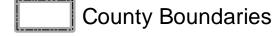
Signed:	arriel	12/2,	Smit	2		Date: _	7	//3/0	5	
UPSTREA	n Leg	AL Des	CRIPTION	15	the_	POINT	٥F	ReF.	FOR the	old
WASTE	WATER	TREAT	MENT	FAC	ility	discha	nge	posus.	HLAT 15 1	ue louge
IN USE			were				•	·		

Plattin Creek (C) #1728 Jefferson County HUC 8 = 07140101



Legend

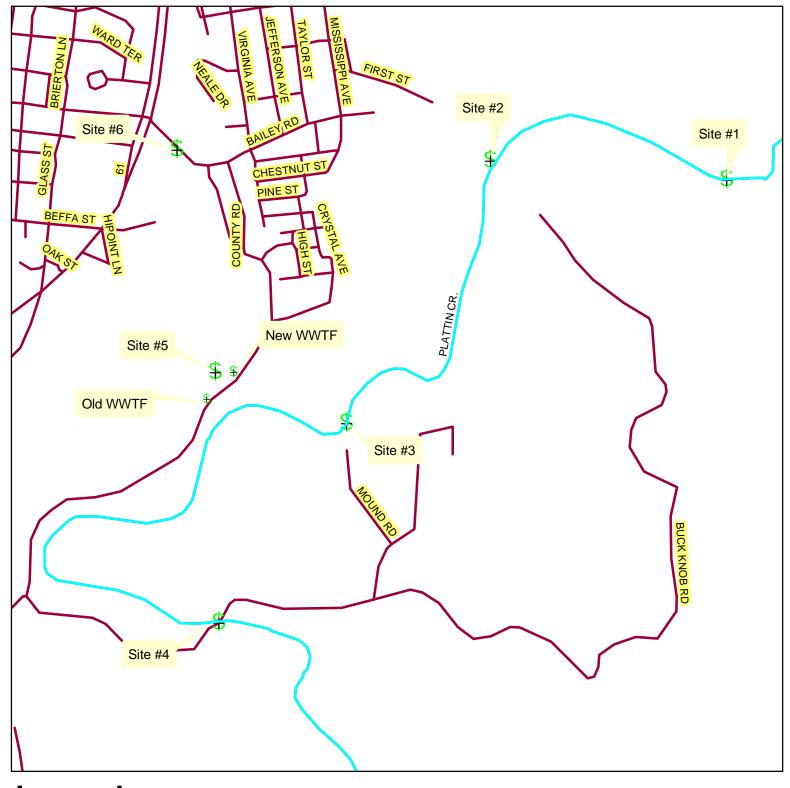
Classified Water Bodies

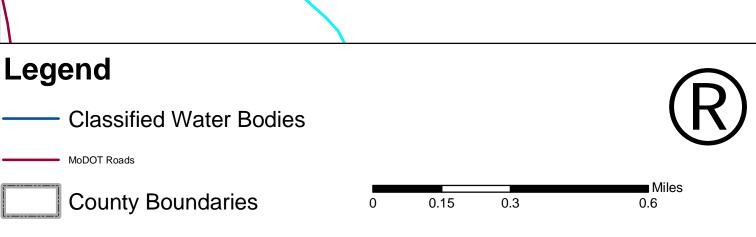






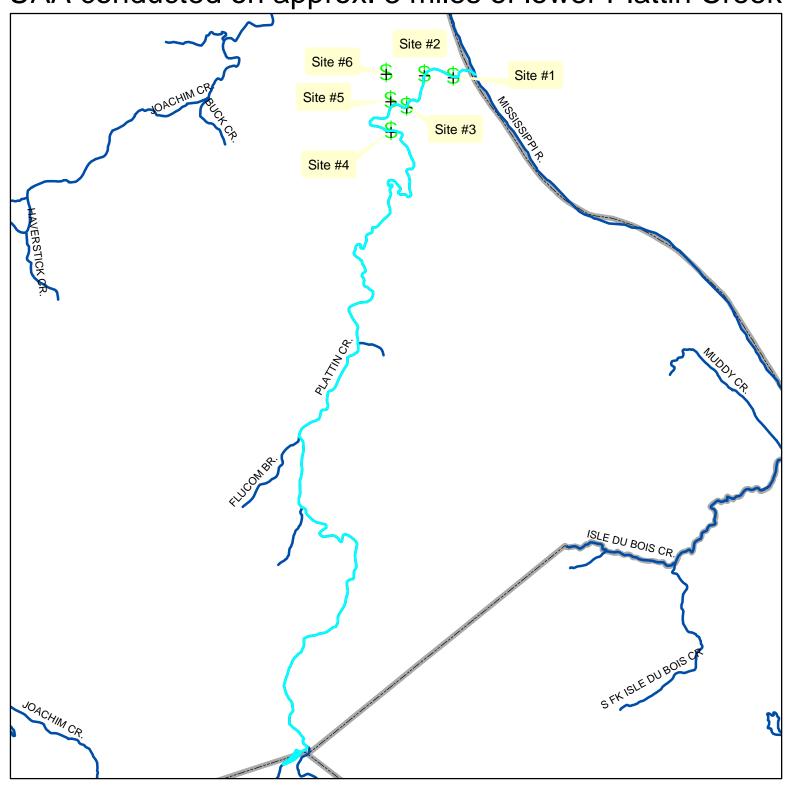
Plattin Creek (P) #1728 Jefferson County HUC 8 = 07140101





Plattin Creek (P) #1728 Jefferson County 24.0 miles HUC 8 = 07140101

UAA conducted on approx. 3 miles of lower Plattin Creek





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:			Site Location I	Description: PLATTIM C	KEEK NEAR
Site GPS Coordinates:	38° 13.078 N 90	21.427w	NEARL DR	Description: PLATTIN C TMISSISSIPPI, LOW POUGHT CONDITIONS.	SITE #1
Date & Time: 7/11/0			Facility Name:		
Personnel: DAVID Sa		STEWARD	Permit Number	CNA	
Current Weather Condi	tions: Light ove	RCAST	Weather Condi	tions for Past 7 days: DRY	, SEE SHEET, RAIN (
Photo Ids: Upstream:		wnstream: ##			
es Observed*:	T				
☐ Swimming	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fish	ning	None of the above	☐ Other:
_	ns*: (Mark all that	promote or imp	pede recreational	uses. Attach photos of evide	nce or unusual
rrounding Conditions of interest.)	ns*: (Mark all that	· · · · · · · · · · · · · · · · · · ·	pede recreational	uses. Attach photos of evide	nce or unusual
ns of interest.)		· · · · · · · · · · · · · · · · · · ·	nservation lands		1
ns of interest.) □ City/county parks	☐ Playgrounds	☐ MDC cor	nservation lands forests	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) ☐ City/county parks ☐ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor	nservation lands forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC con ☐ National ☐ Steep slo	nservation lands forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ns of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC con ☐ National ☐ Steep slo	nservation lands forests pes	☐ Urban areas ☐ Nature trails ☐ Other: Shallow	☐ Campgrounds ☐ Stairs/walkway ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Upstream Vi	ology: ew Phy	sical Di	mensions: S	PLIT Flow					
□ Riffle W	idth (ft):		Length (ft):	Avg. Deptl	ı (ft):		Max. Dept	th (ft):	
⊡ ′Run W	idth (ft):	20	Length (ft):	N/A Avg. Depti	ı (ft):	2	Max. Dep	th (ft):	3 in Spor
□ Pool W	idth (ft):		Length (ft):	Avg. Depti	ı (ft):		Max. Dept	th (ft):	
☑ Flow Pro	esent?	☑ Yes	□ No	Estimated ((ft³/sec):				
Downstream	View I	hysical	Dimensions:						
□ Riffle W	idth (ft):		Length (ft):	Avg. Depth	ı (ft):		Max. Dept	th (ft):	
☑ Run W	idth (ft):	60	Length (ft):	メ/A Avg. Dept	(ft):	2	Max. Dept	th (ft):	3 IN Sput
□ Pool W	idth (ft):		Length (ft):	Avg. Depth	ı (ft):		Max. Dept	th (ft):	
Flow Pre	esent?	B∕Yes	□ No	Estimated (ft³/sec):	16	sec /	10	
	bble tion*: (Gravel HARD	or algal growth at the ass	O % Silt		% Mud/Clay		% Bedrocl
	tion*: (note amou	unt of vegetation o		· · · · · · · · · · · · · · · · · · ·		70 Mub Clay		
quatic Vegeta	tion*: (note amou	unt of vegetation o		· · · · · · · · · · · · · · · · · · ·		Other:		
quatic Vegeta	tion*: (eristics	note amou	ant of vegetation o	r algal growth at the ass	sessment site	;)			
Vater Characte	tion*: (*: (Mark	ant of vegetation o all that apply.) ☐ Musky	r algal growth at the ass	essment site	;)	□ Other:		SAND STONE
Vater Characte Odor: Color:	eristics	*: (Mark Sewage Clear	all that apply.) ☐ Musky	□ Chemical	E None ☐ Milky	;)	□ Other: □ Other:	HARD	
Vater Characte Odor: Color: Bottom Deposit Surface Deposit comments: Plea	eristics	*: (Mark Sewage Clear Sludge Dil th additi th additi th used sole g of water analysis the analysis the arrate.	all that apply.) Musky Green Solids Scum onal comments ely for removal of conditions. Consider to the best	☐ Chemical ☐ Gray ☐ Fine sediments	None None None None nation from nation but ron is not inter	intervie	Other: Other: Other: Other: oprovide a redirectly infleffect another	HARD Some s form more uence a r use.	SAND STONE CLAY SLIP

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: O	1728		Site I	ocation De	scription: PLATEN C	REEK, NEAR
Site GPS Coordinates: 3	8° 13.0624	90 22.	300cm	LROAD.	Beidge, SITE +	12
Date & Time: 7/11/05				ity Name:	N/A	
Personnel: David Smi		TEWAAD	Perm	it Number:	NIA	
Current Weather Condition	ons: Light ever	CAST, SPA	Zinkie Weat	her Condition	ons for Past 7 days: DRy.	SEE Shoets, Springin
Photo Ids: Upstream;			ı: # /Ø		SEE Phores # 11,1	
*I O						
Uses Observed*:	T ==					
☐ Swimming	☐ Skin diving		J SCUBA di	ving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating		☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing		None of the above	☐ Other:
Surrounding Condition items of interest.)	S*: (Mark all that	promote (or impede rec	reational us	es. Attach photos of evider	ace or unusual
☐ City/county parks	☐ Playgrounds	□ MD	C conservation	on lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Nati	ional forests		☐ Nature trails	☐ Stairs/walkway
⊡'No trespass sign	☐ Fence	₽ Stce	p slopes		Other: RAILROAD	PROPERTY.
Evidence of Human Use	*:				ALSO PPA SUPERFU PPA PROPERTY IN DE	PROPERTY, WD SITE Photo #13,
Roads NOT THROUGH	☐ Foot paths/pri	nts	☐ Dock/plas	form	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	3	☐ Fire pit/ri:	ng	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two – D	ata Sheet B for V	VBID# 0173	28: SITE 4	-2		
Stream Morp	bology: /iew Physical Dir	nensions: S	PLIT FLOW			_
☐ Riffie	Width (ft):	Length (ft):	Avg. Depti	(ft):	Max. Depth (ft):	
© Run \	Width (ft): 10 ≠ 15	Length (ft):	√/A Avg. Depth	(ft); /	Max. Depth (ft):	2 IN Spot
□ Pool \	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
⊒∕flow I	resent? 🗹 Yes	□ No	Estimated (ft³/sec):		
Downstread	n View Physical I	Dimensions:				
☐ Riffle	Vidth (R):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
⊠ Run \	Vidth (ft): 10 +15	Length (ft):	M/A Avg. Depth	(ft): /	Max. Depth (ft):	2 IN Spon
☐ Pool V	Vidth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Flow F	resent? PYes	□ No	Estimated (ft³/sec):	31 sec /	10'
Aquatic Veget	<u> </u>		algal growth at the ass	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5 % Mud/Clay	/O % Bedrock
Odor:	☐ Sewage	□ Musky	☐ Chemical	☑ None	Other:	
Color:	Ø Clear	☐ Green	☐ Gray	☐ Milky	Other:	
Bottom Depo	sit: 🔲 Sludge	□ Solids	Fine sediments	☑ None	DOther: #ARD	SAND STONE
Surface Depo	sit; □ Oil	□ Scum	☐ Foam	□ №	D'Other: Some	CLAY SLIP
*This information comprehensive undecision on the record, the undersig datasheet is truckly signed:	is not to be used sole derstanding of water of reation use analysis be ned, hereby affirme and accurate.	y for removal of a conditions. Conse ut may point to co m to the best	precreational use designmently, this information of my knowledge, Date:	nation but rather on is not intende her analysis or th that all information	d to directly influence and effect another use. mation reported or	n this UAA
Organization:_F	ESTUS-CRYSTA	L City SEN	egc.comm. Positio	n: WWTY	SUPERINTENDE	~7

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

					
Missouri WBID #: O	(728		Site Location D	escription: PLATTIAL	CREEKLY AT
Site GPS Coordinates:		2°22.66	2W SUPERFUND	SITE . CLOSE to L	EVEE, SITE #3
Date & Time: 7/11/0			Facility Name:		
Personnel: DAVID S			Permit Number:	NIA	
Current Weather Condi	ions: Light RAIL	ч		ions for Past 7 days: نامر	SEE Sheets, Light RAIN
Photo Ids: Upstream;	#19 Do	wnstream:	#20 Othe	T: SEE PHOTO #18	- " "
ses Observed*:				T	T
Swimming	Skin diving	-	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing	None of the above documentation of evidence	☐ Other:
_	ns*: (Mark all that	promote o	r impede recreational u	uses. Attach photos of evide	nce or unusual
rns of interest.)	·	- T		· · · · · · · · · · · · · · · · · · ·	T
ms of interest.) City/county parks	☐ Playgrounds	□ MDC	C conservation lands	☐ Urban areas	☐ Campgrounds
ms of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks	☐ MDC	C conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds
ms of interest.) City/county parks	☐ Playgrounds	□ MDC	C conservation lands	☐ Urban areas ☐ Nature trails ☐ Other Caty Days	☐ Campgrounds ☐ Stairs/walkway 8 NEAR 1995 319845508
ms of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☑ Fence	☐ MDC	C conservation lands	☐ Urban areas ☐ Nature trails ☐ Other Caty Days	☐ Campgrounds
ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☑ Fence	☐ MD(☐ Natio	C conservation lands	☐ Urban areas ☐ Nature trails ☐ Other Caty Days	☐ Campgrounds ☐ Stairs/walkway 8 NEAR 1995 319845508
ms of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☑ Fence	☐ MDC ☐ Nation ☐ Steep	C conservation lands onal forests o slopes	Urban areas Nature trails Other: City Dump Site #3 is wwite Dis	Campgrounds Cl Stairs/walkway & NEAR PRG SUPERFUL DOWN STREAM FRO

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Stream Mor			wBID# <u>01/</u> mensions:	<u>'~b</u> :	SITE 3				
☐ Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):		Max. Depth (ft):	
□ Run	Width (ft):		Length (ft):		Avg. Depth	(ft):		Max. Depth (ft);	
Pool	Width (ft);	80	Length (ft):	NIA	Avg. Depth	(ft):	10	Max. Depth (ft):	15
⊟ Flow	Present?	☐ Yes	D2∕No		Estimated (f	t³/sec):			
Downstre	am View P	hysical	Dimensions:						
☐ Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):	···	Max. Depth (ft):	
☐ Run	Width (ft):		Length (ft):		Avg. Depth	(ft):	·	Max. Depth (ft):	
Pool	Width (ft):	80	Length (ft):	NIA	Avg. Depth	(ft):	ĮΦ	Max. Depth (ft):	15
□ Flow	Present?	☐ Yes	©¹No		Estimated (f	t³/sec):	p.,	soling	
Water Chara	acteristics	*• (Mark s	all that annly)	<u>4 4</u>	*·				
Odor:		Sewage	☐ Musky		nemical	✓ Nor	 ie	☐ Other:	
Color:		lear	☑ Green	☐ Gi	ay	□ Mil	ky	☐ Other:	
Bottom Dep	oosit:	Sludge	☐ Solids	£2 Fi	ne sediments	☐ Nor	ie	Other:	
Surface Dep	posit: 🔲 (——— Dil	□ Scum	□ Fo	am	Nor	ic _	Other:	
*This information comprehensive undecision on the rate of the undersal datasheet is the signed:	on is not to be understanding ecreation use igned, here and according to the control of the cont	used sole of water analysis eby affin	conditions. Conductions to the bes	of a recreation sequently, conditions to f my k	onal use design this information that need furth nowledge, t	nation bu on is not i ner analy: hat all	t rather is ntended to sis or that informated		1 this UAA
Organization:	FESTUS.	CRY 57141	L City SEWA	ge com	· Positio	n: <u>w</u> u	<u>5 مدر</u>	UPERINTENDENT	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID#: ()	1728			Site Locat	ion Des	scription: PLATTIN C	REEK.
	Site GPS Coordinates: 3		22.	143ω	BRIDE	1 + 4	lear filed webe	r quarry
	Date & Time: 71.1/0:				Facility N		NIA	· · · · ·
	Personnel: DAVID Sm		STELL	ARD	Permit Nu	mber:	NIA	
	Current Weather Condition				Weather C	onditio	ons for Past 7 days:	
	Photo Ids: Upstream: 1	#2(Do	wnstre	am: #	22	Other:	SEE Photos # 2	3, 24,425
Us	es Observed*:							·
	☐ Swimming	☐ Skin diving		□ sct	BA diving		☐ Tubing	☐ Water skiing
į	☐ Wind surfing	☐ Kayaking		☐ Boat	ting		☐ Wading	☐ Rafting
	☐ Hunting	☐ Trapping		☐ Fishi	ing		None of the above	☐ Other:
	Describe: (include numb	er of individuals re	creatin	g, freque	ncy of use, p	photo-d	ocumentation of evidence	of recreational uses, etc.)
1								
İ								
t	· · · · · · · · · · · · · · · · · · ·							
		s*: (Mark all that	promo	te or imp	ede recreati	onal use	cs. Attach photos of evider	nce or unusual
iten	s of interest.)							
	☐ City/county parks	☐ Playgrounds	□ N	1DC cons	servation la	nds	☐ Urban areas	☐ Campgrounds
Į	☐ Boating accesses	☐ State parks	D N	ational f	orests		☐ Nature trails	☐ Stairs/walkway
	No trespass sign	Fence	_ ⊡ S	teep slop	es		Other: NO ACCESS	+ PROVATE PROPERTY
Eví	dence of Human Use	e*:						•
	E Roads	☐ Foot paths/pri	nts	□ Do	ck/platform		☐ Livestock Watering	☐ RV / ATV Tracks
	☐ Rope swings	☐ Camping Site	s	☐ Fir	e pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
	Other:							
_								· - · · · · · · · · · · · · · · · · · ·

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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132'	ogy: w Physical Di	mensions:				
☐ Riffle Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max, Depth (ft):	
Run Wid	th (ft): 90	Length (ft):	N/A Avg. Depth	(ft): 3	Max. Depth (ft):	10
□ Pool Wid	th (A):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow Pres	ent? Dyés	₽ No	Estimated (ft³/sec):	NIA	
Downstream \	lew Physical	Dimensions:				
□ Riffle Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
⊘ ′Run Wid	th (ft): 90	Length (ft):	N/A Avg. Depth	(ft): 3	Max. Depth (ft):	10
□ Pool Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	-
Flow Pres	ent? ☐ Yes	₽′No	Estimated (1	t³/sec):	NIA Populino	
Aquatic Vegetati			algal growth at the ass	essment site)		
Odor:	□ Sewage	☐ Musky	☐ Chemical	⊠ Nоле	☐ Other:	
	☐ Sewage ☐ Clear	□ Musky ☑ Green	☐ Chemical	☑ None ☐ Milky	Other:	
Odor:					·····	
Odor: Color:	E Clear	☑ Green	☐ Gray	☐ Milky	☐ Other:	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 6	1728		Site Location L	Pescription: UN NAMED WASTE WATER TRE	CALLED SILE
Site GPS Coordinates:	38° 12.672 N3	70°22.96	in Discharg	e point. Tributary +	to plattin creek.
Date & Time: 7/11/0		•		FESTUS-CRYSTAL CILY	
Personnel: DAVID S.	mith & FRANK	C STEWAR	Permit Number	MO-0080632	<u> </u>
Current Weather Condit	TIONS: HARD RA	÷W		tions for Past 7 days: DRY	
Photo Ids: Upstream:		wnstream:		T. SEE Photos #26	
es Observed*:					
☐ Swimming	☐ Skin diving		CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	·	Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		ishing	None of the above	☐ Other:
		3	quantity of uses, priority		of recreational uses, etc.)
				uses. Attach photos of evide	
is of interest.)	ns*: (Mark all that	promote or i	mpede recreational 1	uses. Attach photos of evide	nce or unusual
Is of interest.) ☐ City/county parks	ns*: (Mark all that ☐ Playgrounds	promote or i	rnpede recreational i	uses. Attach photos of eviden	nce or unusual □ Campgrounds
□ City/county parks □ Boating accesses	ns*: (Mark all that	promote or i	mpede recreational i conservation lands al forests	uses. Attach photos of evide	nce or unusual
□ City/county parks □ Boating accesses ☑ No trespass sign	ns*: (Mark all that □ Playgrounds □ State parks □ Fence	promote or i	mpede recreational i conservation lands al forests	uses. Attach photos of evider ☐ Urban areas ☐ Nature trails	nce or unusual □ Campgrounds
□ City/county parks □ Boating accesses	ns*: (Mark all that □ Playgrounds □ State parks □ Fence	promote or i □ MDC o □ Nations □ Steep s	mpede recreational i conservation lands al forests	uses. Attach photos of evider ☐ Urban areas ☐ Nature trails	nce or unusual □ Campgrounds
□ City/county parks □ Boating accesses □ No trespass sign dence of Human Us	ns*: (Mark all that Playgrounds State parks Fence	promote or i MDC o Nation Steep s	rnpede recreational i conservation lands al forests lopes	Discs. Attach photos of evider ☐ Urban areas ☐ Nature trails ☐ Other:	nce or unusual ☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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☐ Riffle	Width (ft):		mensions: Length (ft):		Avg. Depth ((ft):	Max. Depth	(ft):	
☑ Run	Width (ft):	12-	Length (ft):	N/A	Avg. Depth ((ft): ,5	Max. Depth	(ft):	3 during R
□ Pool	Width (fl):		Length (ft):		Avg. Depth ((R):	 Max. Depth		
Flow	Present?	☑ Yes	□ No		Estimated (ft	³/sec):	 		
Downstres	ım View	Physical	Dimensions:						
Riffle	Width (ft):		Length (ft):		Avg, Depth ((ft):	Max. Depth	(ft):	
P Run	Width (ft):	12	Length (ft):	NIA .	Avg. Depth ((ft): , 5	 Max. Depth	(ft): 3	, burINY RAIM
□ Pool	Width (ft):		Length (ft):		Avg. Depth (ft):	Max. Depth	(ft):	
2 Flow	Present?	- PYes	□ No		Estimated (ft	³ /sec):			
%	Cobble	_/0 %	add up to 100%.) Gravel	5 % Sand			 % Mud/Clay	·	% Bedrock
% uatic Vege	Cobble etation*: eteristics	/O % (note amou *: (Mark i	all that apply.)	r algal growt	th at the asse	ssment site)	 % Mud/Clay Other:		% Bedrock
% uatic Vege ter Chara Odor:	cteristics	/O % (note amou *: (Mark a Sewage	of Gravel	r algal growt	th at the asse	ssment site)	 ☐ Other:		% Bedrock
ter Chara Odor: Color: Bottom Dep	cteristics cosit:	/O % (note amou *: (Mark a Sewage Clear Sludge Oil	all that apply.) Musky Green	□ Cher □ Gray □ Fine	nical sediments	None Milky None	☐ Other: ☐ Other: ☐ Other:		

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: O1	Missouri WBID #: 01728					Site Location Description: UN NAMED CREEK, SITE # 6 UP STREAM FROM NEW WASTEWATER TREATMENT							
Site GPS Coordinates: 3	oilw	DISCHARGE AT BAILEY ROAD CROSSING ALONG											
Date & Time: 7/12/0	Date & Time: 7/12/05 8:16 Am					Facility Name: NIA							
Personnel: DAVID Smith & FRANK STEWARD				Permit Number: N(A									
Current Weather Conditi	-	Weather Conditions for Past 7 days:											
Photo Ids: Upstream: 4	Photo Ids: Upstream: 40 Downstream:				/ Other: NONE								
Uses Observed*:													
☐ Swimming	☐ Swimming ☐ Skin diving			☐ SCUBA diving		☐ Tubing	☐ Water skiing						
☐ Wind surfing	☐ Kayaking		☐ Boating			☐ Wading	☐ Rafting						
☐ Hunting	☐ Trapping	_	☐ Fishing			None of the above	☐ Other:						
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)													
·		•••											
•	Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual												
items of interest.)	1	1			٠ ,	~ 	I						
☐ City/county parks	☐ Playgrounds	☐ MDC cons		servation lands		☐ Urban areas	☐ Campgrounds						
☐ Boating accesses	☐ State parks	☐ National fo		rests		☐ Nature trails	☐ Stairs/walkway						
☐ No trespass sign	☐ Fence	ı⊒∕\$i	eep slop	es		B'Other: VERY Sha	Mow						
Evidence of Human Use	a*•												
PROSES BALLY AD	<u> </u>		☐ Dock/platform		,]	☐ Livestock Watering	□ RV / ATV Tracks						
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring			☐ NPDES Discharge	☐ Fishing Tackle						
Other:													

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two –	Data Shee	et B for \	WBID # 017	28:	Site # (Co.		
Stream Mor Upstream	phology: View Phy	ysical Di	mensions:					
□ Riffle	Width (ft):	\$-00x23.E33	Length (ft):		Avg. Depth	(ft):	Max, Depth (ft):	
W Run	Width (ft):	13	Length (ft):	N/A	Avg. Depth	(ft): ,5	Max. Depth (ft):	2. During RA
☐ Pool	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
LiFlow	Present?	Ū√e5	[] No		Estimated (ft³/sec):		
Downstre	am View I	Physical	Dimensions:					
□ Riffle	Width (ft):	·	Length (ft):		Avg. Depth	(ft);	Max. Depth (ft):	····
@ Run	Width (ft):	13	Length (ft):	NIA	Avg. Depth	(ft): _ 5	Max. Depth (ft):	2. During Ra
□ Pool	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow	Present?	□ Yes	□ No		Estimated (i	ft³/scc):	15 sec /1	o'
30 %	6 Cobble etation*: (40 %	int of vegetation o			essment site)	″ Mud/Clay	% Bedroc
Color:		Clear	☐ Green			☐ Milky	Other:	
Bottom De		Sludge	□ Solids		ine sediments	□ None	Other:	
Surface De		Qil	□ Şcum	□ F		€ None	☐ Other:	
*This informatic comprehensive decision on the : I, the unders datasheet is ! Signed: 10	on is not to be understandin recreation us signed, her true and a	e used sole g of water e analysis reby affin ecurate.	ely for removal of conditions. Consout may point to construct to the best	a recreative equently, conditions	onal use design this information that need furth mowledge, t	nation but rathe on is not intendent her analysis or that all infor		n this UAA
Organization:	FESTUS-	CRY STAL	City SEWAGE	COMM	Positio	II: WWTP	SUPERINTENDEN	<u>-T</u>

The Festus/Crystal City Sewage Commission submitted several large maps and printed photos with their use attainability analysis (UAA) forms. Due to the size of the maps and scanning capabilities, Department of Natural Resources (department) staff created a new map based on the maps the Festus/Crystal City Sewage Commission provided. Also due to scanning capabilities, the printed photos will not be available on the web version of the UAA. Both the maps and printed photos provided as part of the UAA can be viewed as part of the file maintained by the department. If you would like to view this additional information, please call the department at 573-751-6623.